

Title (en)

Refractory article incorporating a cold slag band

Title (de)

Feuerfestprodukt enthaltent ein kaltes Schlackenband

Title (fr)

Produit réfractaire comprenant une bande de laitier à froid

Publication

EP 2090554 B1 20120523 (EN)

Application

EP 08250550 A 20080218

Priority

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Abstract (en)

[origin: EP2090554A1] The present invention relates to a refractory composition for use as a cold start slag band, a cold start slag band made from the composition and refractory articles such as submerged entry nozzles incorporating the slag band. The composition comprises an admixture of partially stabilised zirconia and/or fully stabilised zirconia and monoclinic zirconia and is characterised by the proportion of monoclinic relative to the total zirconia content being at least 40 % by weight. The composition permits the manufacture of refractory articles for use in steel manufacture which are highly resistant to thermal shock, thereby avoiding the necessity of preheating prior to use.

IPC 8 full level

C04B 35/106 (2006.01); **B22D 41/50** (2006.01)

CPC (source: EP US)

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Cited by

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